

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
JOHN WANA	04/28/2011
ILYA TUMANOV	04/28/2011
GEORGE PERANTATOS	04/28/2011
BRIAN R. MEYERS	05/05/2011
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Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	13106307
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NAME OF SUBMITTER:	RAYMOND MILLIEN
Total Attachments: 3 source=332176AssignmentALLInventors#page1.tif source=332176AssignmentALLInventors#page2.tif source=332176AssignmentALLInventors#page3.tif	

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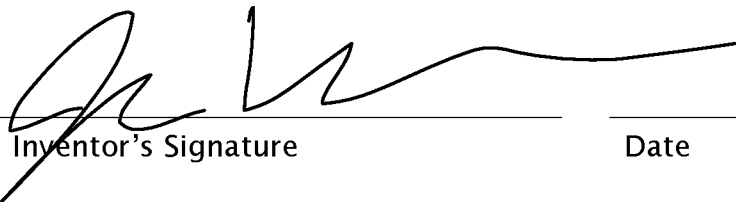
I/WE, JOHN WANA, ILYA TUMANOV, GEORGE PERANTATOS, AND BRIAN R. MEYERS ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "AUTOMATIC SOCIAL GRAPH CALCULATION" ("APPLICATION"), which:

- will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, who are associated with customer number \_\_\_\_\_, to insert here in parenthesis (Application No. \_\_\_\_\_, filed \_\_\_\_\_) this APPLICATION's Application No. and filing date, when known;
- was filed on \_\_\_\_\_ and was given Application No. \_\_\_\_\_;
- is filed concurrently herewith;


Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

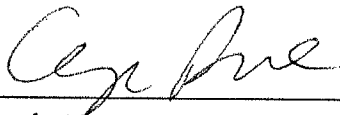
For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

 _____ Inventor's Signature	<u>4/28/11</u> _____ Date
JOHN WANA _____ Printed Name in English	_____ Printed Name in Native Language (if

\_\_\_\_\_  
other than English)

 _____ Inventor's Signature	<u>4/28/2011</u> _____ Date
<u>ILYA TUMANOV</u> _____ Printed Name in English	<u>ИЛЪЯ ТУМАНОВ</u> _____ Printed Name in Native Language (if other than English)

 _____ Inventor's Signature	<u>4/28/2011</u> _____ Date
<u>GEORGE PERANTATOS</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>BRIAN R. MEYERS</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

\_\_\_\_\_  
other than English)

_____ Inventor's Signature	_____ Date
<u>ILYA TUMANOV</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

_____ Inventor's Signature	_____ Date
<u>GEORGE PERANTATOS</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

<i>Brian R Meyers</i> _____ Inventor's Signature	5/5/2011 _____ Date
<u>BRIAN R. MEYERS</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)